

WHAT IS CLAIMED IS:

1. A refrigerant composition comprising R245fa ( $\text{CF}_3\text{CH}_2\text{CHF}_2$ ), R125 ( $\text{CHF}_2\text{CF}_3$ ), R23 (trifluoromethane:  $\text{CHF}_3$ ) and R14 (tetrafluoromethane:  $\text{CF}_4$ ).

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2. A refrigerant composition comprising R245fa ( $\text{CF}_3\text{CH}_2\text{CHF}_2$ ), R125 ( $\text{CHF}_2\text{CF}_3$ ), R508A (R23/R116:39/61) or R508B (R23/R116:46/54) and R14 (tetrafluoromethane:  $\text{CF}_4$ ).

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3. The composition of claim 2, wherein R245fa is from 17.4 to 50 wt%, R125 is from 12 to 25 wt%, R508A or R508B is from 13.2 to 36.4 wt%, and R14 is from 13.2 to 36.4 wt%.

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4. The composition of any one of claims 1 to 3, further comprising 0.1 to 12 wt% of n-pentane.

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5. A refrigerating circuit which is a single ultralow-temperature system comprising a condenser, an evaporator, a compressor, and heat exchangers and gas-liquid separators disposed in a multi-stage manner, wherein the non-azeotropic mixed refrigerant composition of any one of claims 1 to <sup>3</sup>4 is used.